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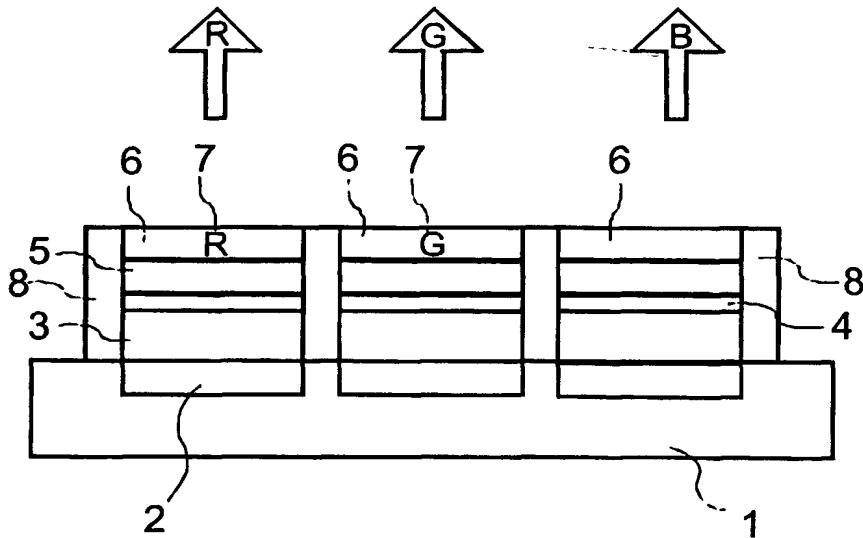
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(54) Title: ELECTROLUMINESCENT DISPLAY WITH IMPROVED LIGHT OUTCOUPLING



(57) **Abstract:** A full color electroluminescent display is disclosed, the display including a common substrate and an array of electroluminescent devices disposed on the common substrate, wherein each of said electroluminescent devices comprises an electroluminescent layer that is sandwiched between a first and a second electrode, a color converting material that is capable of changing light emitted by the electroluminescent layer into light having a longer wavelength and a stack of $2n + 1$ transparent dielectric layers wherein $n = 0, 1, 2, 3, \dots$ and said transparent dielectric layers show alternating refractive indexes n . The electroluminescent display shows improved light outcoupling.



European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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